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		@ad<=20010816		
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-	18	(((342/70-72) or (342/195) or (340/435) or (340/436) or (340/903) or	USPAT;	2003/03/06 13:19
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EAST: search history attached

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radar same impulse
radar same impulse
2 same (distance range)
collision
3 and 4
airbag
3 and 6
7 not 5
communications communicate communicating
emergency
9 near15 10
3 and 11
(predict or predicitve or predicitng) near "19" collision
3 and 13
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FROM IEEE

Search terms:

hypothesis <and> collision

1 Electric field interactions between closely abutting excitable cells

Sperelakis, N.; McConnell, K. IEEE Engineering in Medicine and Biology Magazine, Volume: 21 Issue: 1, Jan.-Feb. 2002
Page(s): 77-89

[Abstract] [PDF Full-Text (601 KB)] JNL

2 Progress towards recognizing and classifying beautiful music with computers - MIDI-encoded music and the Zipf-Mandelbrot law Manaris, B.; Purewal, T.; McCormick, C. SoutheastCon, 2002. Proceedings IEEE, 2002 Page(s): 52-57

[Abstract] [PDF Full-Text (464 KB)] CNF

3 The concept of short-circuit power and the assessment of the flicker emission level
Couvreur, M.; De Jaeger, E.; Goossens, P.; Robert, A.
Electricity Distribution 2001 Part 1. Contributions CIPED 16th International

Electricity Distribution, 2001. Part 1: Contributions. CIRED. 16th International Conference and Exhibition on (IEE Conf. Publ No. 482), Volume: vol.2, 2001 Page(s): 7 pp. vol.2

[Abstract] [PDF Full-Text (464 KB)] CNF

4 High reliability neural networks structure with application to spacecraft ASMS tone detection

Rahnamai, K.; Maleyeff, J.; Arabshahi, P.; Tsun-Yee Yan IFSA World Congress and 20th NAFIPS International Conference, 2001. Joint 9th, Volume: 2, 2001

Page(s): 829 -834 vol.2

[Abstract] [PDF Full-Text (364 KB)] CNF

5 Multiple-reference temporal error concealment Al-Mualla, M.E.; Canagarajah, C.N.; Bull, D.R.

Circuits and Systems, 2001. ISCAS 2001. The 2001 IEEE International Symposium on ,

Volume: 5, 2001 Page(s): 149 -152 vol. 5

[Abstract] [PDF Full-Text (392 KB)] CNF

6 EM scattering from sea surface in the presence of wind wave patterns Shrira, V.I.; Badulin, S.; Voronovich, A.G. Geoscience and Remote Sensing Symposium, 2000. Proceedings. IGARSS 2000. IEEE 2000 International, Volume: 2, 2000 Page(s): 926-928 vol.2

[Abstract] [PDF Full-Text (228 KB)] CNF

7 Scatter dose model for therapeutic photon beams Nizin, P.S.; Mooij, R.B. Engineering in Medicine and Biology Society, 2000. Proceedings of the 22nd Annual International Conference of the IEEE, Volume: 3, 2000 Page(s): 1827-1830 vol.3

[Abstract] [PDF Full-Text (224 KB)] CNF

8 Non-contact mapping of the human left atrium to guide ablation of focal atrial fibrillation
Markides, V.; Schilling, R.J.; Chow, A.W.C.; Kanagaratnam, P.; Lamb, D.; Peters, N.S.; Davies, D.W.
Computers in Cardiology 2000, 2000
Page(s): 89-91

[Abstract] [PDF Full-Text (252 KB)] CNF

9 An empirical study of amorphous slicing as a program comprehension support tool
Binkley, D.; Harman, M.; Raszewski, L.R.; Smith, C.
Program Comprehension, 2000. Proceedings. IWPC 2000. 8th International Workshop on , 2000
Page(s): 161-170

[Abstract] [PDF Full-Text (152 KB)] CNF

10 Modelling radiation transfer in low pressure discharge lamps
Sarroukh, H.; Zissis, G.; Damelincourt, J.J.; Aubes, M.
Industry Applications Conference, 2000. Conference Record of the 2000 IEEE, Volume:
5,2000
Page(s): 3289-3292 vol.5

[Abstract] [PDF Full-Text (192 KB)] CNF

11 Global, voxel, and cluster tests, by theory and permutation, for a difference between two groups of structural MR images of the brain Bullmore, E.T.; Suckling, J.; Overmeyer, S.; Rabe-Hesketh, S.; Taylor, E.; Brammer, M.J. Medical Imaging, IEEE Transactions on, Volume: 18 Issue: 1, Jan. 1999 Page(s): 32-42

[Abstract] [PDF Full-Text (416 KB)] JNL

12 Experiments to measure gouging threshold velocity for various metals against copper Stefani, F.; Parker, J.V. Magnetics, IEEE Transactions on , Volume: 35 Issue: 1 Part: 1 , Jan. 1999 Page(s): 312 -316

[Abstract] [PDF Full-Text (772 KB)] JNL

13 Multiple hypothesis testing fusion method for multisensor systems Xiao-Gang Wang; Shen, H.C. Intelligent Robots and Systems, 1999. IROS '99. Proceedings. 1999 IEEE/RSJ International Conference on, Volume: 2, 1999 Page(s): 1008-1013 vol.2

[Abstract] [PDF Full-Text (504 KB)] CNF

14 Combining semijoins and hash-semijoins in a distributed query processing strategy
Morrissey, J.M.; Ogunbadejo, O.
Electrical and Computer Engineering, 1999 IEEE Canadian Conference on , Volume: 1, 1999
Page(s): 122-126 vol.1

[Abstract] [PDF Full-Text (344 KB)] CNF

15 Numerical simulation versus experiment on a long hollow target PVD reactor Bocquet, P.; Leylekian, L.; Gousset, G.
Plasma Science, 1999. ICOPS '99. IEEE Conference Record - Abstracts. 1999 IEEE International Conference on , 1999
Page(s): 160

[Abstract] [PDF Full-Text (191 KB)] CNF

16 A homomorphic techniques for power systems and transient signal processing
Ho-Lung Hung; Ming-Sheng Yang
Industrial Electronics, 1999. ISIE '99. Proceedings of the IEEE International Symposium on , Volume: 3, 1999
Page(s): 1278-1283 vol.3

[Abstract] [PDF Full-Text (304 KB)] CNF

17 Multiple hypothesis testing method for decision making Xiao-Gang Wang; Shen, H.C.
Robotics and Automation, 1999. Proceedings. 1999 IEEE International Conference on , Volume: 3 , 1999
Page(s): 2090 -2095 vol.3

[Abstract] [PDF Full-Text (632 KB)] CNF

18 Program simplification as a means of approximating undecidable propositions
Harman, M.; Fox, C.; Hierons, R.; Binkley, D.; Danicic, S.
Program Comprehension, 1999. Proceedings. Seventh International Workshop on , 1999
Page(s): 208-217

[Abstract] [PDF Full-Text (292 KB)] CNF

19 Charge asymmetric dissociation induced by sequential and non-sequential strong field ionization
Guo, C.; Li, M.; Gibson, G.N.
Quantum Electronics and Laser Science Conference, 1999. Technical Digest. Summaries of Papers Presented at the, 1999
Page(s): 57

[Abstract] [PDF Full-Text (116 KB)] CNF

20 Statistical change detection with moments under time-varying illumination Sze-Chu Liu; Chang-Wu Fu; Shyang Chang Image Processing, IEEE Transactions on , Volume: 7 Issue: 9, Sept. 1998

[Abstract] [PDF Full-Text (1708 KB)] JNL

21 Full-wave analysis of a large rectangular array of slots Neto, A.; Maci, S.; Vecchi, G.; Biagiotti, M. Antennas and Propagation Society International Symposium, 1998. IEEE, Volume: 4, 1998

Page(s): 1926 -1928 vol.4

[Abstract] [PDF Full-Text (132 KB)] CNF

22 Implications of evolution metrics on software maintenance Lehman, M.M.; Perry, D.E.; Ramil, J.F. Software Maintenance, 1998. Proceedings., International Conference on , 1998 Page(s): 208 -217

[Abstract] [PDF Full-Text (100 KB)] CNF

23 On evidence supporting the FEAST hypothesis and the laws of software evolution
Lehman, M.M.; Perry, D.E.; Ramil, J.F.
Software Metrics Symposium, 1998. Metrics 1998. Proceedings. Fifth International, 1998
Page(s): 84-88

[Abstract] [PDF Full-Text (208 KB)] CNF

"Visual surveillance for moving vehicles", Ferryman, J.M.; Maybank, S.J.; Worrall, A.D., Visual Surveillance, 1998. Proceedings., 1998 IEEE Worksho 1997, Page(s): 73 -80.

[Abstract] [PDF Full-Text (176 KB)] CNF

25 Multi-sensor data fusion for situational assessment-a critical element of systems integration, some theory and application to collision avoidance Harris, C.J.; Doyle, R.S.
Integrated Systems in Aerospace (Digest No: 1997/015), IEE Colloquium on , 1997 Page(s): 5/1 -5/3

[Abstract] [PDF Full-Text (184 KB)] CNF

26 Collision of constrained work spaces: a uniform concept for design

interactions
Sturm, R.; Mulle, J.A.; Lockemann, P.C.
Cooperative Information Systems, 1997. COOPIS '97., Proceedings of the Second IFCIS
International Conference on, 1997
Page(s): 25-35

[Abstract] [PDF Full-Text (1020 KB)] CNF

27 Simulation-based performance evaluation of resource allocation algorithms for implementation in the SHF-DAMA satellite network Hobson, E.P.; Raines, R.A.; Bailey, T.G.; Gallagher, D.M. MILCOM 97 Proceedings, Volume: 1, 1997 Page(s): 137-142 vol.1

[Abstract] [PDF Full-Text (592 KB)] CNF

28 Quality management strategy evaluation using quality function deployment methodology under Chinese culture Lee, S.F.; Roberts, P.

Innovation in Technology Management - The Key to Global Leadership. PICMET '97: Portland International Conference on Management and Technology , 1997 Page(s): 825

[Abstract] [PDF Full-Text (112 KB)] CNF

29 Metrics and laws of software evolution-the nineties view Lehman, M.M.; Ramil, J.F.; Wernick, P.D.; Perry, D.E.; Turski, W.M. Software Metrics Symposium, 1997. Proceedings., Fourth International, 1997 Page(s): 20-32

[Abstract] [PDF Full-Text (1216 KB)] CNF

30 System thinking and system modeling in the Earth system science classroom

Mahootian, F

Geoscience and Remote Sensing, 1997. IGARSS '97. Remote Sensing - A Scientific Vision for Sustainable Development., 1997 IEEE International, Volume: 2, 1997 Page(s): 695-697 vol.2

[Abstract] [PDF Full-Text (348 KB)] CNF

31 Issues of WWW-based data visualization in the Earth System Science classroom
Mahootian, F.
Geoscience and Remote Sensing, 1997. IGARSS '97. Remote Sensing - A Scientific Vision for Sustainable Development, 1997 IEEE International, Volume: 2, 1997
Page(s): 854-856 vol.2

[Abstract] [PDF Full-Text (352 KB)] CNF

32 A neural architecture for a class of abduction problems Goel, A.K.; Ramanujam, J. Systems, Man and Cybernetics, Part B, IEEE Transactions on , Volume: 26 Issue: 6 , Dec. 1996 Page(s): 854 -860

[Abstract] [PDF Full-Text (792 KB)] JNL

33 Feedback, evolution and software technology Lehman, M.M. Software Process Workshop, 1996. Process Support of Software Product Lines., Proceedings of the 10th International, 1998 Page(s): 101-103

[Abstract] [PDF Full-Text (280 KB)] CNF

34 Power system state estimation: ANN application to bad data detection and identification Abbasy, N.H.; El-Hassawy, W. AFRICON, 1996., IEEE AFRICON 4th, Volume: 2, 1996 Page(s): 611-615 vol.2

[Abstract] [PDF Full-Text (532 KB)] CNF

35 On the uncertainty and ignorance of statistical decision and evidence combination
Xiao-Gang Wang; Wen-Han Qian; Pagello, E.; Ren-Qing Pei
Multisensor Fusion and Integration for Intelligent Systems, 1996. IEEE/SICE/RSJ
International Conference on , 1996
Page(s): 166-173

[Abstract] [PDF Full-Text (496 KB)] CNF

36 Design of a real-time ventricular fibrillation waveform analysis system for improved low energy DC defibrillation shock delivery Peng-Wie Hsia; Mendoza, D.; Gurunathan, S.; Naik, S.; Damiano, R., Jr. Computers in Cardiology, 1996, 1996 Page(s): 349-352

[Abstract] [PDF Full-Text (340 KB)] CNF

37 Visual information use in collision avoidance tasks: the importance of understanding the dynamics of action
Stanard, T.; Flach, J.M.; Smith, M.; Warren, R.
Human Interaction with Complex Systems, 1996. HICS '96. Proceedings., Third Annual Symposium on , 1996
Page(s): 62 -67

[Abstract] [PDF Full-Text (416 KB)] CNF

38 The matched-pairs defibrillation efficacy hypothesis test Malkin, R.A.
Engineering in Medicine and Biology Society, 1995., IEEE 17th Annual Conference, Volume: 1, 1995
Page(s): 263-264 vol.1

[Abstract] [PDF Full-Text (284 KB)] CNF

39 A marginal theory for critical velocity ionization Cooke, D.L.; Wright, L.W.; Genoni, T.C.; Biasca, R.J. Plasma Science, 1995. IEEE Conference Record - Abstracts., 1995 IEEE International Conference on , 1995 Page(s): 106

[Abstract] [PDF Full-Text (96 KB)] CNF

40 Object recognition system with perceiving subjective contours Ishihara, K.; Ishihara, S.; Nagamachi, M. Neural Networks, 1995. Proceedings., IEEE International Conference on, Volume: 5, 1995. Page(s): 2620-2625 vol.5

[Abstract] [PDF Full-Text (660 KB)] CNF

41 Myocardial injury in chronic aortic regurgitation: related to wall stress Herrold, E.M.; Lu, P.; Zanzonico, P.; Goldfine, S.M.; Szulc, M.; Magid, N.M.; Borer, J.S. Computers in Cardiology 1995, 1995
Page(s): 59-62

[Abstract] [PDF Full-Text (352 KB)] CNF

42 High-field AC dissipation current waveforms of nonpolar polymeric films superposed by DC ramp voltage Tohyama, K.; Tokoro, T.; Nagao, M.; Kosaki, M. Electrical Insulating Materials, 1995. International Symposium on, 1995 Page(s): 81-84

[Abstract] [PDF Full-Text (208 KB)] CNF

43 Paraxial corona discharge. II. Simulation and analysis
Bouziane, A.; Hidaka, K.; Jones, J.E.; Rowlands, A.R.; Tapiamacioglu, M.C.; Waters,
R.T.
Science, Measurement and Technology, IEE Proceedings-, Volume: 141 Issue: 3, May
1994
Page(s): 205-214

[Abstract] [PDF Full-Text (576 KB)] JNL

44 Linearity of transthoracic conductance with respect to electrode force and area during high-voltage defibrillation shocks Lerman, B.B.; Ng, K.T.; Deale, O.C. Biomedical Engineering, IEEE Transactions on , Volume: 41 Issue: 8 , Aug. 1994 Page(s): 801-804

[Abstract] [PDF Full-Text (392 KB)] JNL

45 Analog fault diagnosis-A practical approach Ahmed, S.; Cheung, P.Y.K. Circuits and Systems, 1994. ISCAS '94., 1994 IEEE International Symposium on , Volume: 1, 1994 Page(s): 351-354 vol.1

[Abstract] [PDF Full-Text (356 KB)] CNF

46 Relative to a random oracle, NP is not small Kautz, S.M.; Miltersen, P.B.
Structure in Complexity Theory Conference, 1994., Proceedings of the Ninth Annual, 1994
Page(s): 162-174

[Abstract] [PDF Full-Text (840 KB)] CNF

47 Stability and control of a frontal four-link biped system Iqbal, K.; Hemami, H.; Simon, S. Biomedical Engineering, IEEE Transactions on , Volume: 40 Issue: 10, Oct. 1993 Page(s): 1007-1018

[Abstract] [PDF Full-Text (964 KB)] JNL

48 Unsupervised feature extraction by hypothesis of feature centres Chan, M.; Hall, T.J.
Artificial Neural Networks, 1993., Third International Conference on , 1993
Page(s): 31-35

[Abstract] [PDF Full-Text (284 KB)] CNF

49 Barium ionisation mechanisms in the CRRES G-1 and G-11b releases Hunton, D.E.
Plasma Science, 1993. IEEE Conference Record - Abstracts., 1993 IEEE International Conference on Page(s): 192

[Abstract] [PDF Full-Text (104 KB)] CNF

50 Optimal control of nonlinear DAE systems de Pinho, M.d.R.; Sargent, R.W.H.; Vinter, R.B. Decision and Control, 1993., Proceedings of the 32nd IEEE Conference on , 1993 Page(s): 3806 -3807 vol.4

[Abstract] [PDF Full-Text (144 KB)] CNF

51 Application of the MHT to track formation of a single maneuvering acoustic

source in clutter Quach, T.; Farooq, M. Circuits and Systems, 1993., Proceedings of the 36th Midwest Symposium on , 1993 Page(s): 684 -687 vol.1

[Abstract] [PDF Full-Text (360 KB)] CNF

52 An integrated experience-based approach to navigational path planning for autonomous mobile robots

Goel, A.; Donnellan, M.; Vazquez, N.; Callantine, T.

Robotics and Automation, 1993. Proceedings., 1993 IEEE International Conference on , 1993

Page(s): 818 -825 vol.1

[Abstract] [PDF Full-Text (584 KB)] CNF

53 Knowledge-based systems: an exploratory study of new developers Dologite, D.G.; Mockler, R.J.; Ragusa, J.M.
System Sciences, 1993, Proceeding of the Twenty-Sixth Hawaii International Conference on , 1993
Page(s): 343 -351 vol.4

[Abstract] [PDF Full-Text (644 KB)] CNF

54 M-ary sequential hypothesis tests for automatic target recognition
Jouny, I.; Garber, F.D.
Aerospace and Electronic Systems, IEEE Transactions on, Volume: 28 Issue: 2, April
1992
Page(s): 473 -483

[Abstract] [PDF Full-Text (860 KB)] JNL

55 Fuzzy hypothesis trees and decision making Mohiddin, S.M.; Saunders, D.I.
Intelligent Decision Support Systems and Medicine, IEE Colloquium on, 1992
Page(s): 6/1 -6/4

[Abstract] [PDF Full-Text (148 KB)] CNF

56 Free time problems with endpoint constraints: a dynamic programming approach Vinter, R. Decision and Control, 1991., Proceedings of the 30th IEEE Conference on , 1991 Page(s): 263 -264 vol.1

[Abstract] [PDF Full-Text (124 KB)] CNF

57 New product technology decisions in the US multi-market firm Rosenfelder, G.S.; Gessner, G.H.
Technology Management: the New International Language, 1991
Page(s): 202-206

[Abstract] [PDF Full-Text (480 KB)] CNF

58 Adaptive histogram equalization: a parallel implementation Kurak, C.W., Jr.
Computer-Based Medical Systems, 1991. Proceedings of the Fourth Annual IEEE Symposium, 1991
Page(s): 192-199

[Abstract] [PDF Full-Text (432 KB)] CNF

59 Occlusion detection in early vision Toh, P.-S.; Forrest, A.K. Computer Vision, 1990. Proceedings, Third International Conference on, 1990 Page(s): 126-132

```
[Abstract] [PDF Full-Text (716 KB)] CNF
```

60 Search for resonances in electron-positron scattering using a cold positron gas target

Cowan, T.E.; Howell, R.H.; Rohatgi, R.; Fajans, J.

Plasma Science, 1990. IEEE Conference Record - Abstracts., 1990 IEEE International Conference on , 1990

Page(s): 126

[Abstract] [PDF Full-Text (84 KB)] CNF

61 The optimization of perceptually-based features for speaker identification Xu, L.; Oglesby, J.; Mason, J.S. Acoustics, Speech, and Signal Processing, 1989. ICASSP-89., 1989 International Conference on , 1989 Page(s): 520 -523 vol.1

[Abstract] [PDF Full-Text (224 KB)] CNF

62 Diagnosing problems with the user interface for a strategic planning fuzzy $\ensuremath{\mathsf{DSS}}$

Hall, N.G.

Systems, Man and Cybernetics, IEEE Transactions on , Volume: 18 Issue: 4 , July-Aug. 1988

Page(s): 638 -646

[Abstract] [PDF Full-Text (900 KB)] JNL

UPDATED SEARCH ABOVE 01-25-04

1 An integrate-and-fire based model of PP and PR variability in the human electrocardiogram
Ward, S.; Heneghan, C.; Nolan, P.;

Neural Engineering, 2003. Conference Proceedings. First International IEEE EMBS Conference on , 20-22 March 2003

Pages:297 - 300

[Abstract] [PDF Full-Text (465 KB)] IEEE CNF

2 Electric field interactions between closely abutting excitable cells Sperelakis, N.; McConnell, K.;

Engineering in Medicine and Biology Magazine, IEEE, Volume: 21, Issue: 1, Jan.-Feb. 2002

Pages:77 - 89

[Abstract] [PDF Full-Text (601 KB)] IEEE JNL

3 Mobile computing middleware for context-aware applications

Capra, L.;

Software Engineering, 2002. ICSE 2002. Proceedings of the 24rd International Conference on , 19-25 May 2002

Pages:723 - 724

[Abstract] [PDF Full-Text (357 KB)] IEEE CNF

4 Coronary artery stent implantation alters wall shear stress during maximal vasodilation

LaDisa, J.F., Jr.; Olson, L.E.; Guler, I.; Gross, E.R.; Hettrick, D.A.; Kersten, J.R.; Warltier, D.C.; Pagel, P.S.;

[Engineering in Medicine and Biology, 2002. 24th Annual Conference and the Annual Fall Meeting of the Biomedical Engineering Society] EMBS/BMES Conference, 2002. Proceedings of the Second Joint, Volume: 2, 23-26 Oct. 2002

Pages:1228 - 1229 vol.2

[Abstract] [PDF Full-Text (270 KB)] IEEE CNF

5 Abnormal peripheral blood T lymphocyte cell subsets in a subgroup of patients with chronic obstructive pulmonary disease Won-Dong Kim; Woo-Sung Kim; Younsuck Koh; Sang-Do Lee; Chae-Man Lim; Tae-Sun Shim; Dong-Soon Kim; Young-Joo Cho; Science and Technology, 2002. KORUS-2002. Proceedings. The 6th Russian-Korean International Symposium on , 24-30 June 2002 Pages:494 - 497

[Abstract] [PDF Full-Text (353 KB)] IEEE CNF

6 Feature-based multi-hypothesis localization and tracking for mobile robots using geometric constraints
Arras, K.O.; Castellanos, J.A.; Siegwart, R.;
Robotics and Automation, 2002. Proceedings. ICRA '02. IEEE International
Conference on , Volume: 2 , 11-15 May 2002
Pages:1371 - 1377 vol.2

[Abstract] [PDF Full-Text (779 KB)] IEEE CNF

7 A comparison of data association techniques for target tracking in clutter Gad, A.; Majdi, F.; Farooq, M.; Information Fusion, 2002. Proceedings of the Fifth International Conference on , Volume: 2, 8-11 July 2002
Pages:1126-1133 vol.2

[Abstract] [PDF Full-Text (481 KB)] IEEE CNF

8 Optical measurement of 3D collagen gel constructs by elastic scattering spectroscopy
Marenzana, M.; Pickard, D.; McRobert, A.J.; Brown, R.A.;
Molecular, Cellular and Tissue Engineering, 2002. Proceedings of the IEEE-EMBS Special Topic Conference on , 6-9 June 2002
Pages:149

[Abstract] [PDF Full-Text (156 KB)] IEEE CNF

9 Environmental change detection in prairie landscapes with simulated Radarsat 2 imagery Buckley, J.R.;
Geoscience and Remote Sensing Symposium, 2002. IGARSS '02. 2002 IEEE International, Volume: 6, 24-28 June 2002
Pages:3255 - 3257 vol.6

[Abstract] [PDF Full-Text (559 KB)] IEEE CNF

